



Substitute for form 1449/PTO & 1449B/PTO

Complete if Known

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	10/565,742
Filing Date	June 25, 2007
First Named Inventor	Ajit Varki et al.
Examiner Name	
Attorney Docket No.	1034123-000306

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number- Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	US-20020192231	12-19/2002	Zhu et al.	
	US-5,045,532	09-03-1991	Valle et al.	
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	US-4,695,198	10-23-1990	Yamasaki et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
	Country Code ¹ , Number, Kind Code			Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec. / Pg. No(s).
	EP 0316818	11-11-1988	Kawamura et al.							

¹Enter Office that issued the document, by the two-letter code.**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BRINKMAN-VAN DER LINDEN, Els C. M.; E. R. Sjöberg; L. R. Juneha; P. R. Crocker; N. Varki; and A. Varki; "Loss of N-Glycolylneuraminic Acid in Human Evolution"; The Journal of Biological Chemistry; March 24, 2000, Vol. 275, No. 12, pp. 8633-8640
	BARDOR, Muriel; D. H. Nguyen; S. Diaz; and A. Varki; "Mechanisms of Uptake and Incorporation of the Non-human Sialic Acid N-Glycolylneuraminic Acid into Human Cells"; The Journal of Biological Chemistry, February 11, 2005, Vol. 280, No. 6, pp. 4228-4237
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	CHOU, Hsun-Hua; T. Hayakawa; S. Diaz; M. Krings; E. Indriati; M. Leahey; S. Paabo; Y. Satta; N. Takahata; A. Varki; "Inactivation of CMP-N-acetylneuraminic acid hydroxylase occurred prior to brain expansion during

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	human evolution"; PNAS; September 3, 2002; Vol. 99, No. 18; pp. 11736-11741
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	VARKE, Ajit; "Sialic acids such as ligands in recognition phenomena" The FASEB Journal; March 1997; Vol. 11, pp. 248-255
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